

6. The Claims

What is claimed is as follows.

1 1. A system for providing audio and video data, said system comprising:

2 a first client for executing a first browser;

3 a second client for executing a second browser;

4 a server, said server being coupled in communications to said first client and said second

5 client, said server for concurrently providing streaming audio data and streaming

6 video data to said first client and said second client, said first browser and said second

7 browser for presenting said streaming audio data and streaming video data without

8 using a plug-in and without using a helper application.

1 2. The system of claim 1 wherein said first browser is for displaying said streaming video

2 data and causing said streaming audio data to play, wherein said second client is for executing

3 an operating system, said operating system including said second browser, and wherein said

4 operating system is for displaying said streaming video data and causing said streaming audio

5 data to play.

1 3. The system of claim 1 wherein said server is for providing said streaming video data as a

2 sequence of digital images and is for providing said streaming audio data as a sequence of

3 audio segments.

1 4. The system of claim 1 wherein said first client and said second client are coupled to said
2 server via the Internet.

1 5. The system of claim 1 wherein said server is for executing a web server, and said web
2 server being for initiating a first process, and a second process, said first process for providing
3 said streaming audio data and said streaming video data to said first client, and said second
4 process for providing said streaming audio data and said streaming video data to said second
5 client.

1 6. The system of claim 5 wherein said first process includes a third process and a fourth
2 process, said third process is for providing said streaming audio data to said first client, and
3 said fourth process is for providing said streaming video data to said first client.

1 7. The system of claim 6 wherein said second process includes a fifth process and a six
2 process, said fifth process is for providing said streaming audio data to said second client, and
3 said fourth process is for providing said streaming video data to said second client.

1 8. The system of claim 1 wherein said first browser is for receiving a first set of instructions
2 for interpretation by said first browser, said first set of instructions for reconstructing audio
3 information from said streaming audio data.

1 9. The system of claim 8 wherein said first set of instructions include a Java applet.

1 10. The system of claim 1 wherein said streaming video data is encoded as a multipart
2 MIME encoded data stream and wherein said first browser uses said multipart MIME
3 encoded data stream to construct a sequence of digital images.

1 11. The system of claim 1 further comprising an audio and video server, said audio and video
2 server for receiving digital video information and digital audio information and for generating
3 said streaming audio data and said streaming video data from said digital video information
4 and digital audio information.

1 12. The system of claim 11 further comprising a second server, said second server for
2 providing second streaming audio data and second streaming video data, and wherein said
3 digital video information and said digital audio information is received from said second
4 server as said second streaming audio data and said second streaming video data.

1 13. The system of claim 1 wherein said first browser and said second browser for presenting
2 said streaming audio data and said streaming video data without requiring said first client to
3 use a software application external to said first browser.

1 14. A computer usable media including a plurality of computer programs, said plurality of
2 computer programs comprising:

3 a first program for receiving digital video data and for storing said digital video data in a

4 first memory area, said first program further for receiving digital audio data and for
5 storing said digital audio data in said first memory area; and,
6 a second program for providing web server functions, said second program further for
7 creating a first process in response to a streaming video request and for creating a
8 second process in response to a streaming audio request, said first process for
9 accessing said first memory area to retrieve said digital video data and for transmitting
10 said digital video data in response to said streaming video request, said second process
11 for accessing said first memory area to retrieve said digital audio data and for
12 transmitting said digital audio data in response to said streaming audio request.

1 15. The computer usable media of claim 14 wherein said first program includes a third
2 program for receiving said digital video data as streaming digital video and a fourth program
3 for receiving said digital audio data as streaming digital audio.

1 16. A method of providing audio and video information to a plurality of clients from a server,
2 said server being coupled to said plurality of clients via the Internet, said plurality of clients
3 including a first client and a second client, said method comprising:

4 said first client receiving a first page of instructions, said first page of instructions

5 including a first set of instructions for requesting audio and video information;

6 in response to executing said first set of instructions, said first client making a first

7 request of said server for said audio and video information;

8 said server providing said audio and video information to said first client in response to

9 said first request;
10 said second client receiving a second set of instructions, said second set of instructions
11 corresponding to said first set of instructions;
12 in response to executing said second set of instructions, said second client making a
13 second request of said server for said audio and video information; and
14 while said server is providing said audio and video information to said first client, said
15 server provides said audio and video information to said second client in response to
16 said second request.

1 17. The method of claim 16 wherein said first set of instructions includes a Java applet and
2 wherein said first client executes said first set of instructions by running said Java applet.

1 18. The method of claim 16 wherein said server provides audio information using a first
2 process and said server provides video information using a second process.

1 19. The method of claim 18 wherein said second process encodes said video information as
2 an multipart MIME encoded transmission.

1 20. The method of claim 16 wherein said first client is executing a browser running Java,
2 said first set of instructions including an audio decoding Java applet, and wherein said
3 browser is running said audio decoding applet to play an audio signal from said audio and
4 video information.